

ABSTRACT

A test device for determining the concentration of an analyte in body fluid is disclosed according to one embodiment of the present invention. The test device has a memory in which a plurality of calibration adjustments corresponding to a plurality of calibration numbers are stored. The test device is adapted to receive a test sensor for collecting a sample, wherein the test sensor contains a reagent adapted to produce a reaction indicative of the concentration of the analyte in the sample and the test sensor has an associated calibration number of a plurality of digits. The test device comprises a measuring unit, a single calibration input element, a user display, and a processor electronically coupled to the single calibration input element, the measuring unit, and the user display. The measuring unit measures the reaction of the reagent and the analyte and generates a signal indicative of the measured reaction. The single calibration input element permits a user to input the calibration number, one digit at a time, associated with the test sensor. The processor is adapted to determine the concentration of the analyte in the sample in response to receiving the inputted calibration number and receiving the signal indicative of the measured reaction from the measuring unit. The user display displays digits to be selected from by a user inputting the calibration number and displays the determined concentration of the analyte in the sample.

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